

Partial Lunar Eclipse of 1921 Oct 16

Ecliptic Conjunction = 22:59:36.6 TD (= 22:59:14.1 UT)

Greatest Eclipse = 22:53:59.5 TD (= 22:53:37.0 UT)

Penumbral Magnitude = 1.9858

P. Radius = 1.2108°

Gamma = -0.4902

Umbral Magnitude = 0.9317

U. Radius = 0.6757°

Axis = 0.4566°

Saros Series = 135 Member = 18 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 13h25m14.0s

Dec. = -08°57'23.4"

S.D. = 00°16'03.2"

H.P. = 00°00'08.8"

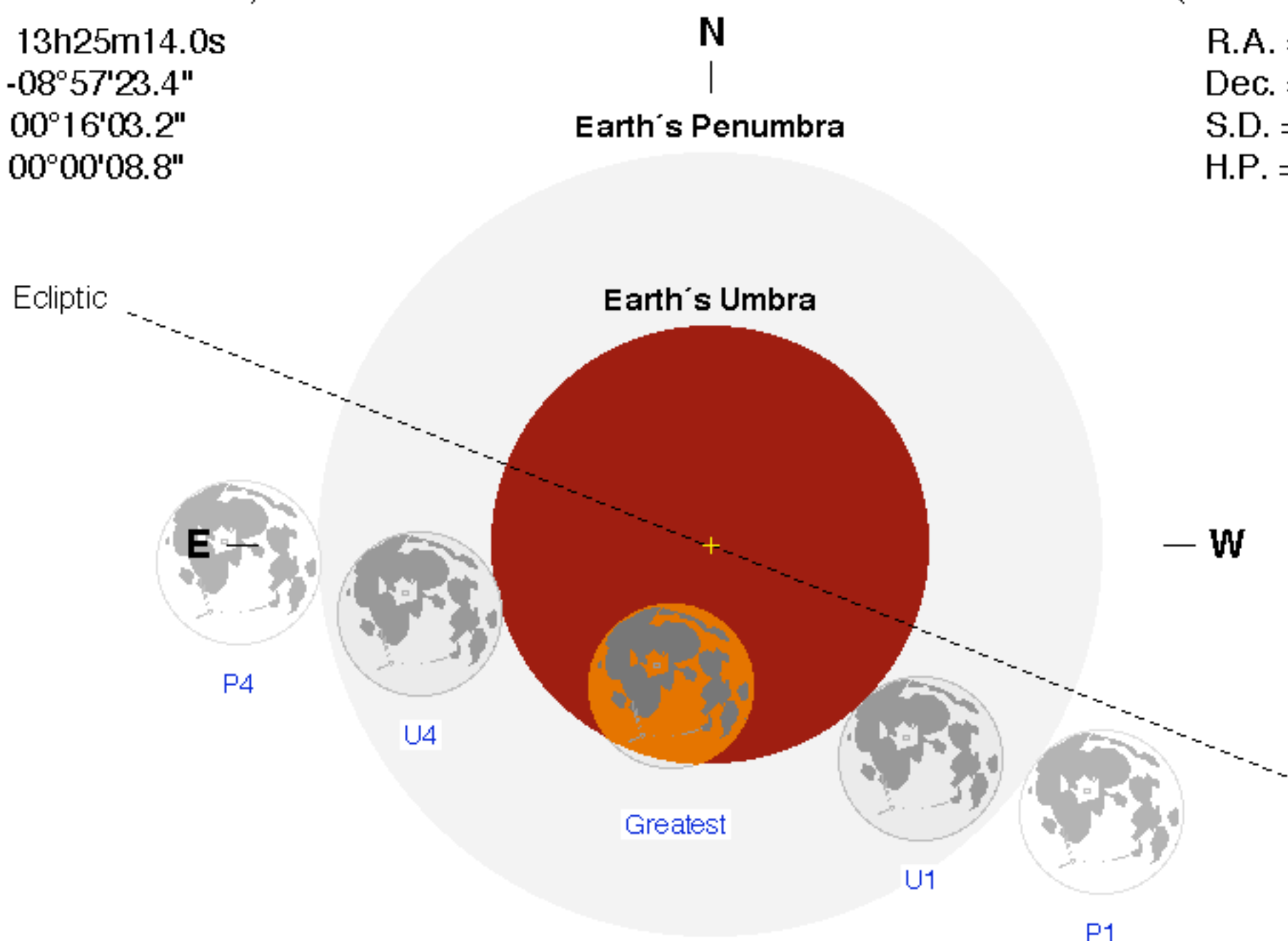
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 01h25m44.6s

Dec. = +08°31'03.7"

S.D. = 00°15'13.7"

H.P. = 00°55'53.3"



Eclipse Durations

Penumbral = 05h42m08s

Umbral = 03h19m05s

$\Delta T = 22$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

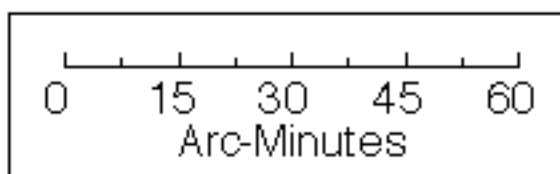
Eclipse Contacts

P1 = 20:02:31 UT

U1 = 21:14:07 UT

U4 = 00:33:11 UT

P4 = 01:44:38 UT



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eclipse.gsfc.nasa.gov/eclipse.html

